Section D

River Corridor Waste Management

PROJECT MANAGERS

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INTRODUCTION

The River Corridor Waste Management consists of the 300 Area Liquid Effluent Treatment Facility, Project Baseline Summary (PBS) RL-RC05, Work Breakdown Structure (WBS) 3.1.5.2.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of December 31, 2001. All other information is as of January 23, 2002.

NOTABLE ACCOMPLISHMENTS

The 300 Area Treated Effluent Disposal Facility (TEDF) — During the month of December, the TEDF treated 5 million gallons of wastewater. In addition, the waste collection sump communications upgrade was completed two months ahead of schedule and under budget; and the Environmental Molecular Science Laboratory wastewater (7500 gallons) containing cyanide was received and processed (cyanide levels (0.42 parts per million) were beyond acceptance criteria for the City of Richland).

SAFETY

Safety and Conduct of Operations information is reported in section E.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Permit By Rule Treatment at 300 Area TEDF — FH investigated the potential to treat limited categories of liquid non-radioactive hazardous wastes using the existing capabilities of the 300 Area TEDF by applying a permit exclusion available within the waste regulations. Treatment of hazardous wastes at TEDF could provide a low-cost option for disposal of some wastes currently sent off-site. Initial implementation activities are planned through the remainder of FY 2002, but will likely be impacted by limited funding and the upcoming transition work scope for the 300 Area facilities.

Opportunities for Improvement

Conduct of Operations Improvement Initiative — RC has initiated a Conduct of Operations Improvement Plan to improve organizational performance, and to create a culture change regarding effective implementation of Conduct of Operations principles. RC has essentially completed the activities identified in the Conduct of Operations Improvement Plan. Each facility and participating organization has spent time reviewing its Conduct of Operations Matrix, identifying areas of improvement and communicating results to the staff. Project directors provide a summary review of progress to the RC Vice President at the two-, four-, and six-month milestones. The two and four month reviews demonstrated that RCP facilities are actively participating at all levels, including at the worker level. Different projects have different levels of completion, however all are essentially on track for scheduled completion. The six-month status meeting is planned for February 7, 2002.

Upcoming Activities

Effluent Tank — Replace effluent tank by April 2002.

TEDF Database Servers — Upgrade TEDF database servers by April 2002.

Milestone Achievement

None to report.

Performance Objectives

None to report.

FY 2002 Schedule / Cost Performance – All Fund Types
FY to Date Status – ($000)

		FISCAL YEAR TO DATE								
	Sub-Project	**BCWS**	**BCWP**	**ACWP**	**SV**	**%**	**CV**	**%**	**BAC**	**EAC**
PBS RC05 WBS 3.1.5.2	300 Area Liquid Effluent Treatment Facility	804	779	707	(25)	-3%	72	9%	3,903	3,903
	Total RC05	**804**	**779**	**707**	**(25)**	**-3%**	**72**	**9%**	**3,903**	**3,903**

FY to Date Schedule / Cost Performance

The unfavorable schedule variance of $25K (3 percent) is within established thresholds. The favorable cost variance of $72K (9 percent) is within established thresholds.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-$0.02M)

All schedule variances are within threshold.

Cost Variance Analysis: (+$0.07M)

All cost variances are within threshold.

Issues

Technical, Regulatory, External, and DOE Issues and DOE Requests

None to report.

Baseline Change Requests Currently in Process

None to report.